Section: Contact Information
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Section: Project Requirements and Description
Group: Requirements to submit AOI
A comprehensive review of previously published data has been completed. : Yes
The specific aims are clear and focused. : Yes
The investigator has appropriate experience and expertise to develop the concept proposal; if not, has identified a mentor or senior co-investigator. : Yes
The investigator agrees to develop an initial draft of the concept proposal within 6 weeks of approval of the AOI and to finalize the concept proposal within 6 months. : Yes
Project Title: The impact of radiation dose uncertainty and heterogeneity on subsequent breast cancer risk
Planned research population (eligibility criteria):
The same eligibility as for the nested case-control study of breast cancer and radiation dose that is currently in progress (Inskip)
Proposed specific aims:
1. To assess the impact of uncertainty in the radiation dose estimates on the dose-response relationship for subsequent breast cancer
2. To assess the impact of dose heterogeneity across the breast on the dose-response relationship for subsequent breast cancer
Will the project require non-CCSS funding to complete?: Yes
If yes, what would be the anticipated source(s) and timeline(s) for securing funding?: NCI Intramural funding which would be requested for October 2015.

Group: Does this project require contact of CCSS study subjects for:
Additional self-reported information: No
Biological samples: No
Medical record data: No
If yes to any of the above, please briefly describe:
Group: What CCSS Working Group(s) would likely be involved? (Check all that apply)
Second Malignancy: Primary
Chronic Disease:
Psychology / Neuropsychology:
Genetics:
Cancer Control:
Epidemiology / Biostatistics: Secondary

Section: Outcomes or Correlative Factors
Late mortality: Secondary
Second Malignancy: Primary

Group: Health Behaviors
Tobacco:
Alcohol:
Physical activity:
Medical screening:
Other:
If other, please specify:

Group: Psychosocial
Insurance:
Marriage:
Education:
Employment:
Other:
If other, please specify:

Group: Medical Conditions
Hearing/Vision/Speech:
Hormonal systems:
Heart and vascular:
Respiratory:
Digestive:
Surgical procedures:
Brain and nervous system:
Other:
If other, please specify:

Group: Medications
Describe medications:

Group: Psychologic/Quality of Life
Group: Other
Pregnancy and offspring:
Family history:
Chronic conditions (CTCAE v3):
Health status:

Group: Demographic
Age: Correlative Factors
Race: Correlative Factors
Sex: Correlative Factors
Other:
If other, please specify:

Group: Cancer treatment
Chemotherapy: Correlative Factors
Radiation therapy: Correlative Factors
Surgery: Correlative Factors

Section: Anticipated Sources of Statistical Support
CCSS Statistical Center:
Local institutional statistician: Yes
If local, please provide the name(s) and contact information of the statistician(s) to be involved.:
Ms Rochelle Curtis (rcurtis@mail.nih.gov)
Will this project utilize CCSS biologic samples?: No
If yes, which of the following?:
If other, please explain:

Section: Other General Comments
Other General Comments: